



XP-002327913

Substance Identification

Beilstein Registry Number	101172-52-5
Beilstein Preferred RN	101172-52-5
CAS Registry Number	101172-52-5
Chemical Name	6-hydroxy-2-methyl-octahydro-isoquinoline-8a-carboxylic acid ethyl ester
Autoname	6-hydroxy-2-methyl-octahydro-isoquinoline-8a-carboxylic acid ethyl ester
Molecular Formula	C ₁₃ H ₂₃ NO ₃
Molecular Weight	241.33
Lawson Number	26671, 2817, 298
Type of Substance	heterocyclic
Constitution ID	175870
Tautomer ID	127683
Beilstein Reference	4-22-00-02111
Entry Date	1988/06/27
Update Date	1992/05/13

Field Availability List 1-3 of 3

Code	Field Name	Occ.
	Reaction	3
	Boiling Point	1
	Reference	1

Reaction 1 of 3

Reaction ID	186484
Reactant BRN	6-hydroxy-2-methyl-octahydro-isoquinoline-8a-carboxylic acid ethyl ester
Product BRN	7-methyl-hexahydro-3,8a-ethano-pyrano[3,4-c]pyridin-1-one
No. of Reaction Details	1
Reaction Entry Date	1988/06/27
Reaction Update Date	1988/06/27

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Reaction Classification
eagent

Preparation
HCl
benzene
1988/06/27

Entry Date

Lot 1
Ref. 1

Handbook
1988/06/27; Journal; Sugimoto et al.; YKKZAJ;
Yakugaku Zasshi; 75; 1955; 177; Chem. Abstr.; 1956; 1814.

Reaction 2 of 3

Reaction ID

Reactant BRN

Product BRN

No. of Reaction Details

Reaction Entry Date

Reaction Update Date

Reaction Classification

Reagent

Entry Date

Note 1

Ref. 1

186484 6-hydroxy-2-methyl-octahydro-isoquinoline-8a-carboxylic acid ethyl ester
2-methyl-6-oxo-octahydro-isoquinoline-8a-carboxylic acid ethyl ester

1

1988/06/27

1988/06/27

Preparation

MnO₂

petroleum ether

1988/06/27

Handbook

1988/06/27; Journal; Sugimoto et al.; YKKZAJ;
Yakugaku Zasshi; 75; 1955; 177; Chem. Abstr.; 1956; 1814.

Reaction 3 of 3

Reaction ID

Reactant

Product BRN

No. of Reaction Details

Reaction Entry Date

Reaction Update Date

Reaction Classification

Reagent

Other Conditions

Entry Date

Note 1

Ref. 1

(+)-2-methyl-6-oxo-2,3,4,6,7,8-hexahydro-1*H*-isoquinoline-8a-carboxylic acid ethyl ester
6-hydroxy-2-methyl-octahydro-isoquinoline-8a-carboxylic acid ethyl ester

1

1988/06/27

1988/06/27

Preparation (half reaction)

platinum

ethanol

Hydrogenation

1988/06/27

Handbook

1988/06/27; Journal; Sugimoto et al.; YKKZAJ;
Yakugaku Zasshi; 75; 1955; 177; Chem. Abstr.; 1956; 1814.

Boiling Point

Value (BP)	Pressure (.P)	Entry Date	Note	Ref.
C	Torr			
153 - 154	4	1988/06/27	1	1

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Note 1
Ref. 1

Handbook
; 1988/06/27; Journal; Sugimoto et al.; YKKZAJ;
Yakugaku Zasshi; 75; 1955; 177; Chem.Abstr.; 1956; 1814.

Reference

; 1988/06/27; Journal; Sugimoto et al.; YKKZAJ;
Yakugaku Zasshi; 75; 1955; 177; Chem.Abstr.; 1956; 1814.